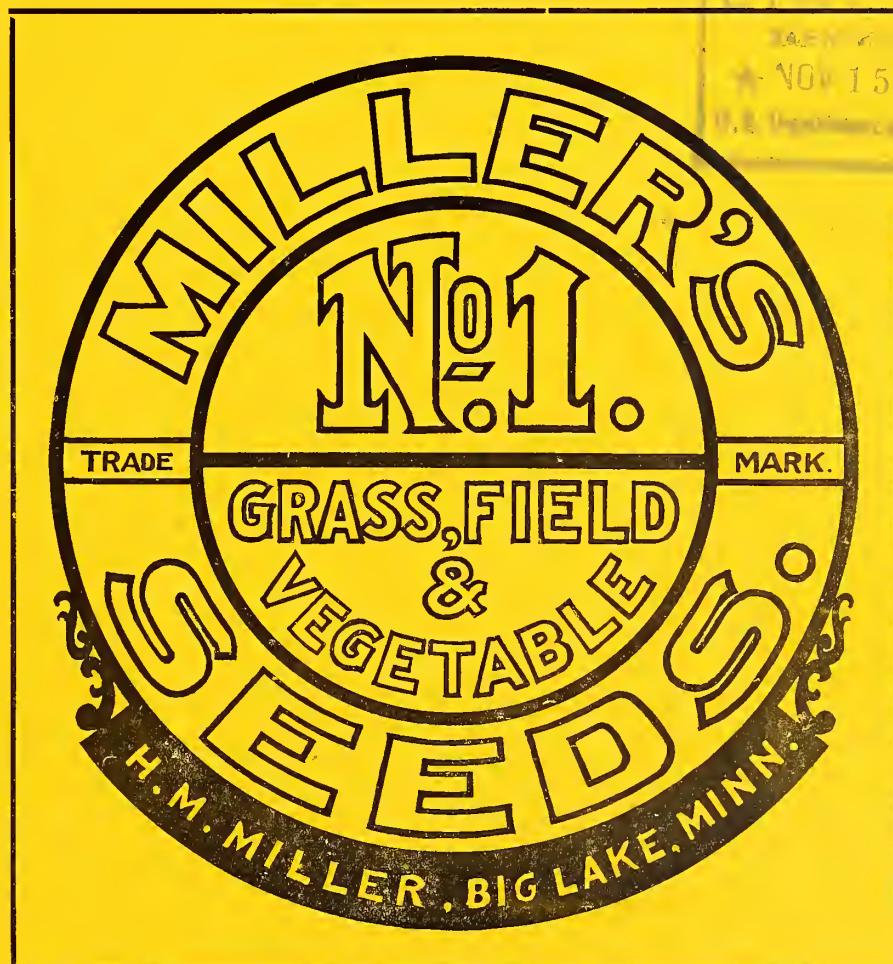


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Do not assume content reflects current scientific knowledge, policies, or practices.

H. M. MILLER SEEDSMAN

Big Lake, : : : Minn.



1917 Catalogue

:-: SEEDS THAT GROW :-:

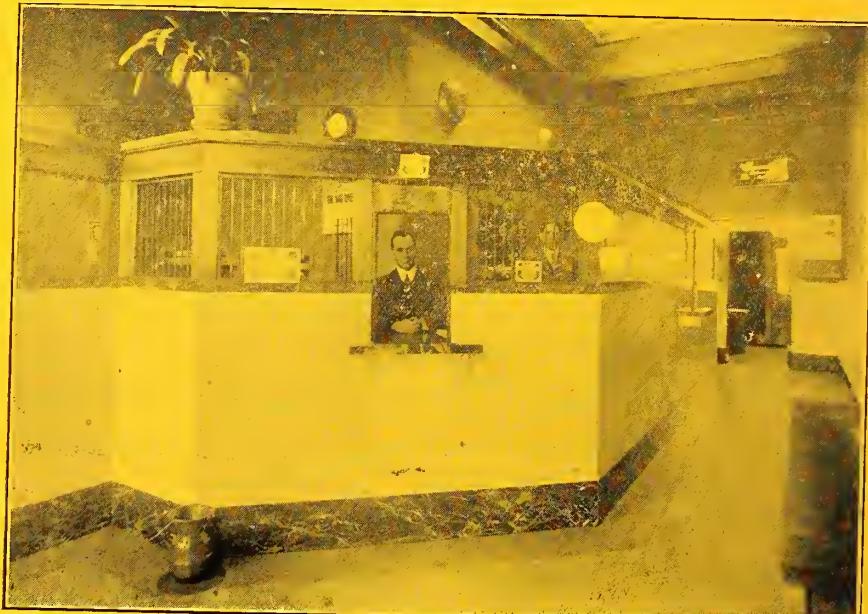
We frequently receive letters containing money and orders which we can not fill because the sender has failed to sign his name or the postoffice address is omitted and the post-mark blurred. Use our order blank and envelope, filling out the blank and signing your name and address, and you will have no reason to censure us.

Terms.—With every order you send us, please inclose a remittance for the full amount as we sell seeds for cash only.

How to Send Money.—Money can be safely sent either by postoffice money order, bank draft, express money order or in a registered letter. Do not send money loose in a letter without registering it, as it is not safe, and if lost we can not be responsible for it. Silver coin should be sewed in cloth to prevent wearing through the letter. Postage stamps may be sent. If you live away from a convenient bank or postoffice and have money deposited in some bank, send your personal check.

Service.—We endeavor to fill all orders same day received, if possible, everything is handled rapidly and carefully. Customers are promptly notified when goods are shipped and how forwarded. As bulbs, onion sets and other perishable goods can not be shipped during freezing weather; orders for them are acknowledged and the goods sent forward as soon as the weather moderates, and the purchaser is notified of their shipment.

Forwarding.—We deliver prepaid to any postoffice in the United States any garden or vegetable seeds in pkt., oz., $\frac{1}{4}$ -lb., $\frac{1}{2}$ -lb., or lb. packages at prices quoted in catalogue. All larger sized packages, and field seeds, and garden tools are shipped by express or freight at purchasers' expense. If seeds which are quoted without postage are ordered to be sent by mail add 8c a lb. or 15c a qt. If seeds which are quoted prepaid are ordered to be sent by express or freight with other goods deduct 8c a lb.



The above is the picture of the interior of the Sherburne County State Bank, Big Lake, Minn., to which we refer you for reference as to our responsibility. This catalogue necessarily must go to many who have never dealt with us, and to such we would say, that you are perfectly safe in sending us your money. We send out nothing but the best of seeds and when they arrive, if you are not perfectly satisfied with them, you may send them back at our expense. You are the sole judge. But they must be sent back within fifteen days after they arrive at your station. That will give you ample time to satisfy yourself that they are as represented and of good germination and purity.

Packing.—No charge is made for boxes or packing or delivery to freight depot or express office.

Prepaid Railroad Stations.—Many of our farmer customers live at a prepaid railroad station where there is no agent. In such cases we must request them to send sufficient money to prepay freight charges. If this is not done we will ship to nearest pay station.

Railroad Connections.—We are located on the main line of the Great Northern and Northern Pacific. We have quick connections and transfer with all roads running into the Twin Cities. Our railroad connections are the very best.

Safe Arrival of Packages.—We endeavor to secure the safe arrival of packages of seeds and supplies in every case. When customers fail to receive their packages in reasonable time they should inform us, sending a copy of the order and any other information necessary to trace the goods.

Errors.—We exercise the utmost care in filling orders, still sometimes errors will creep in. In case there is a mistake made in a shipment, notify us promptly and we will make all corrections necessary for satisfaction.

Disclaimer.—As seeds are subject to conditions over which we have no control, we do not give any warranty, either expressed or implied as to description, purity, productiveness or any other matter concerning the seeds, bulbs or plants sold by us and we will not be in any way responsible for the crop. No employee of ours is authorized to give any warranty whatever. While we exercise great care to have all seeds pure and reliable, you can readily see that it would be impossible to warrant any seeds as they are subject to conditions over which we have no control, such as sowing too deep or too shallow, unfavorable weather, insects, etc. We take great care to ascertain the germination and purity of all seeds, and will be glad to give a prospective purchaser a sample of any seed he may want to buy so he may have an opportunity to determine for himself the germination and purity. If the purchaser does not accept the seeds on these conditions, they must be returned within fifteen days.

Parcels Post.—We can deliver to your door packages weighing up to and including fifty pounds in the first two zones and twenty pounds in the rest. We can deliver to you at 8 cents a lb. If there is an surplus over money sent for parcels post we will refund with return invoice.

Purity and Germination Tests.—All of our seeds are carefully tested for purity and germination and comply with the seed laws of the state. We do not buy anything but the best of seed and have it tested by the State Department. We will gladly send a prospective purchaser a sample of seed or he can send a sample of any bought, to the nearest experimental station and determine for himself that the seeds are labeled correctly. All our seeds are marked with the germination and purity test and date of examination.

January 1st, 1917.

To our Friends and Patrons:

It is with pleasure that we present to you our catalogue of seeds for the year 1917.

It has been our aim to sell nothing but the best of seed and to endeavor to make friends for our line wherever sold.

Situated in the seed, corn and clover belt of Northern Minnesota we are able to get hardy northern grown seed of the best quality. The seeds not practical to have grown here, we purchase from the best growers and dealers.

Our northern grown field and vegetable seeds are the best and hardiest. We stick very close to the old tried and reliable varieties that will produce the best yields and ripen under northern conditions.

All of our seeds are tested very carefully for germination and purity and we do not believe that a better grade of seed can be found anywhere than that we sell.

We wish to thank our friends, who by their patronage and assistance, have enabled us to increase the business until we are selling seeds in many states, over a territory extending from the Canadian boundary to Southern Kansas. In asking for a continuation of these favors we assure you that the high standard of our seeds will be kept up, and if it were possible to have better seeds, we would have them.

With the assurance that your orders and inquiries will receive courteous and efficient attention and thanking you for previous patronage, we respectfully your orders for the coming season.

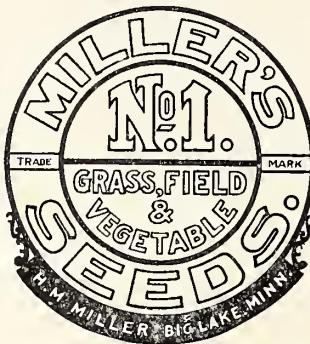
H. M. MILLER, Seedman

Big Lake

GENERAL DIRECTIONS TO CUSTOMERS.

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to the purchaser as well as ourselves.

Name and Address.—Please remember to write your name, postoffice, county and state, also number of postoffice box as distinctly as possible on every order sheet as well as on every letter sent us.



Our No. 1 brand of seeds are the best that can be obtained both for purity and germination. In order that we may protect our customers and ourselves we put out this brand in sealed bags only. With our No. 1 brand, sacks are furnished free.

We will not guarantee the seed as genuine after the seal has been broken.

Our No. 2 or Fancy seed is free from foul, obnoxious weeds and of high vitality but not as good and perfect in every respect as our No. 1 brand.

Our No. 3 or Choice seed is a healthy, and fairly clean seed but not as plump and good color as our fancy grade.

All of our grades comply with the Minnesota Seed Law. You are perfectly safe and well protected in buying any of our three grades.

We have the latest equipment for cleaning seeds and do not buy any except seeds free from foul weeds and which in our judgment will clean up well and make good seed.

Where grade is not specified we will ship our No. 1 grade.

GRASS AND FIELD SEEDS.

Miller's No. 1—Medium Red Clover.

Situated in the wonderful clover producing area of Northern Minnesota, we are able to get the finest clover grown. Not only is our clover pure and of the highest germination, but it is the hardiest grown, it will grow and survive winters that would kill ordinary clover.

Clover is nature's greatest gift to the man who wishes to improve his farm. Medium Red Clover will produce a crop of splendid hay, usually about three tons to the acre and then will produce a seed crop of from one to six bushels to the acre.

It is the greatest soil builder known, it has an enormous amount of roots covered with nitrogen bacteria. When plowed under it provides a great amount of green fertilizer.

The hay itself is splendid feed and green clover pasture is much used for fattening hogs and cattle.

In fact every farmer now knows the wonderful value of clover as a feed, soil builder and pasture, for it has been demonstrated over and over again. Many thousands of poor farms have been made into good ones by the use of clover.

But to get the best results you must sow the best clover. Our grades are all better than the requirements of the state laws. Our increased sales of clover every year testify to the excellence of our seed. We handle nothing but the best of Hardy Northern Grown Clover Seed and have had the pleasure of seeing many fields like the illustration producing an enormous crop of hay from our seed.

We buy our seed from fields like that and consequently the crop resulting is fine. There is something in heredity in seeds as well as in anything else.

We constantly try to improve our seed and to make the name Miller, mean good.

Price of Miller's Hardy Northern Grown Medium Red Clover.—These are prices prevailing at the time this catalogue goes to press and are subject to market change. We get out a colored price list, frequently, giving the exact quotations at the time, and we will gladly furnish them with samples of seed. We endeavor to stay as close as possible to the catalogue price all season. Miller's No. 1, postpaid, pk. 10c, 1 lb. 35c; Fancy, postpaid, pk. 5c, 1 lb. 25c; Choice, postpaid, pk. 5c, 1 lb. 25c. Pk., $\frac{1}{2}$ bu. and bu. not postpaid—ask for prices.



Miller's No. 1 Clover Seed has a purity test of 99% or better and a germination test of 98%.

MAMMOTH RED CLOVER.

Mammoth Clover is a distinct strain from Medium, growing larger and coarser, and is about three weeks later. The seed crop is obtained from the first crop. It is a splendid clover for hog pastures and should be included in any permanent pasture mixture. Our strain of clover frequently grows five or six feet tall. For plowing under it is superior to medium red clover, providing more green fertilizer.

Our remarks on the hardiness and excellence of our medium red clover also apply to this clover, being raised under same conditions and as carefully selected. Miller's No. 1—postpaid—pkt. 10c, lb. 35c. Not postpaid—ask for prices.



Clover from the Clover Belt.

CLOVER--Continued.

Alsike Clover—A splendid clover for all kinds of soils. Will do well on low lands where other clover will not grow. Is used a great deal with timothy.

Miller's No. 1—Lb., postpaid, 35c. Not postpaid—ask for price.

Fancy—Ask for sample and price.

Choice—Ask for sample and price.

White Clover—The hardiest of all the clovers. Used as a pasture and as a lawn grass. Very good on slopes and terraces. Pkt. 10c; lb. 60c—postpaid. Not postpaid—1 lb. 50c; 100 lbs. \$4.00; 10 lbs. or over at 100 lb. rate.

White Blossom Sweet Clover—Much used for inoculating soil for alfalfa, for fertilizer, for bees and when cut young as hay. Miller's No. 1—Pkt. 5c; lb. 35c—postpaid. Not postpaid—1 lb. 20c; 100 lbs. \$18.00; 10 lbs. or over at 100 lb. rate. Fancy—Ask for price.

Nitragin—The ideal germ preparation for inoculating alfalfa and clover. 1 acre size cans, per can—\$1.00. 5 acre size cans, per can—\$4.00. F. O. B. Big Lake. Postage if ordered by mail will be 10c per acre extra. State if it is for clover or alfalfa.

ALFALFA.**Miller's Wonderful Northern Grown Varieties.**

Grimm's—Miller's No. 1 (Dakota grown)—1 lb., postpaid, 60c. Not postpaid—1 lb. 50c; pk. \$7.00; $\frac{1}{2}$ bu. \$13.00; bu. \$25.00; 100 lbs. \$40.00.

Variegated Alfalfa—This is a Montana grown alfalfa of the Grimm strain and is equally hardy with the Grimm. It has large branching roots, consequently it will not winter kill on account of the heaving of the ground. 1 lb., postpaid, 60c. Not postpaid—1 lb. 50c; pk. \$7.00; $\frac{1}{2}$ bu. \$13.00; bu. \$25.00; 100 lbs. \$40.00.

Montana Alfalfa—Very hardy and reliable. 1 lb., postpaid, 40c. Not postpaid—1 lb. 30c; 100 lbs. \$25.00; 10 lbs. or over at 100 lb. rate.



Dakota Dry Land Alfalfa—1 lb., postpaid, 40c. Not postpaid—30c; 100 lbs. \$25.00; 10 lbs. or over at 100 lb. rate.

Alfalfa—For sowing in states south of Minnesota line.

Nebraska Grown Alfalfa—

Turkestan Alfalfa—

CLOVER AND GRASS MIXTURE.**Permanent Meadows.**

No. 1—For dry and high land. 100 lbs., sacks included, \$16.00. Sow 20 to 30 lbs. an acre.

No. 2—For land neither too wet or too dry. 100 lbs., sacks included, \$16.00. Sow 20 to 25 lbs. an acre.

No. 3—For moist and wet land. 100 lbs., sacks included, \$19.50. Sow 20 to 25 lbs. an acre.

Permanent Pastures.

No. 4—For good high and dry land. 100 lbs., sacks included, \$21.00. Sow 25 to 35 lbs. an acre.

No. 5—Prairie land. 100 lbs. \$19.00. Sow 30 to 40 lbs. an acre.

Oats—Big Four, Swedish Oats, Banner Oats, Lincoln Oats, Silver Mine Oats, White Russian Oats, Sixty Day Oats, Montana White Oats. Ask for samples and prices.

Seed Flax—Russian Flax, Minnesota No. 25.

BUCKWHEAT.

Japanese—100 lbs. \$4.25; sacks included.

Silver Hull—100 lbs. \$4.25; sacks included.



RYE.

Spring Rye—Bu. \$1.85; sacks included.

Winter Amber Rye—Ask for price.

Barley—Ode'brucker, Minnesota No. 105, Beardless. Mandscheuri. Ask for prices.

WHEAT.

Marquis—\$3.00 a bu.; sacks included.

Sherburne Co. grown Marquis—\$2.40 a bu.; sacks included.

Blue Stem—Ask for price.

Velvet Chaff—\$2.40 a bu.; sacks included.

Macaroni—Ask for price.



WINTER WHEAT.

Turkey Red—\$2.60 a bu.; sacks included.

Speltz or Emmer—100 lbs. \$3.25

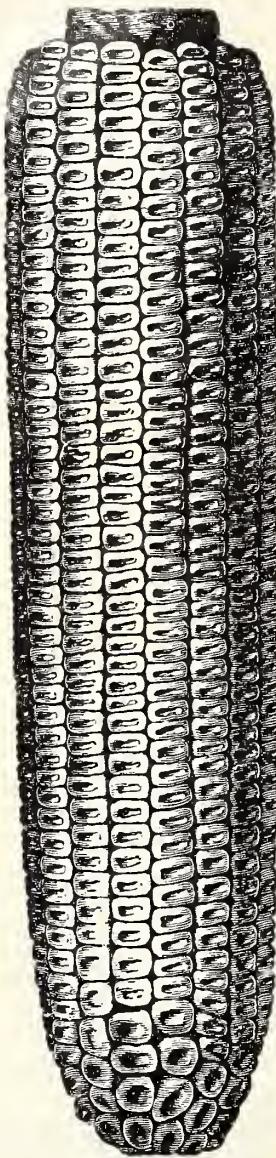
Dwarf Essex Rape—1 lb., postpaid, 20c. Not postpaid—1 lb. 10c; 100 lbs. \$9.00; 10 lbs. or over at 100 lb. rate.

Annual Hog Pasture Mixture—1 lb., postpaid, 15c. Not postpaid—1 lb. 10c; 100 lbs. \$6.50; 10 lbs. or over at 100 lb. rate.

Miller saw the fields his clover seed and seed corn came from,

SEED CORN.

Sacks Included.



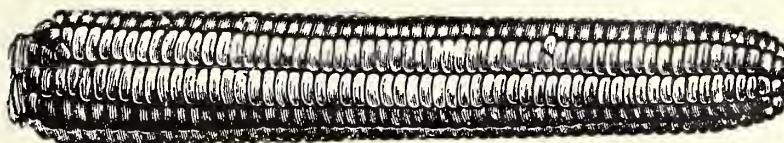
	Bu.
Mercer	\$3.50
Iowa Silver Mine	3.50
Golden Jewel	3.50
Silo Corn	3.50
Sweet Fodder	2.50
Red Cob Fodder Corn	1.60
Flint Fodder Corn	3.00
Southern White Fodder Corn.....	1.60
Early Yellow Dent Fodder	1.60
White Flint Fodder	3.25
Evergreen Sweet Fodder	2.50
Sanford's White Flint	3.50

	Bu.
Pride of the North.....	\$3.50
Minnesota King	3.50
White Cap Yellow Dent.....	3.50
White Rustler	3.50
Minnesota No. 23	3.50
Northwestern Dent	3.50
Minnesota No. 13	3.50
Early Yellow Dent	3.00
Squaw Flint	3.50
King Philip Flint	3.50
Smut Nose Flint	3.50
Triumph	3.50



Early Mercer.

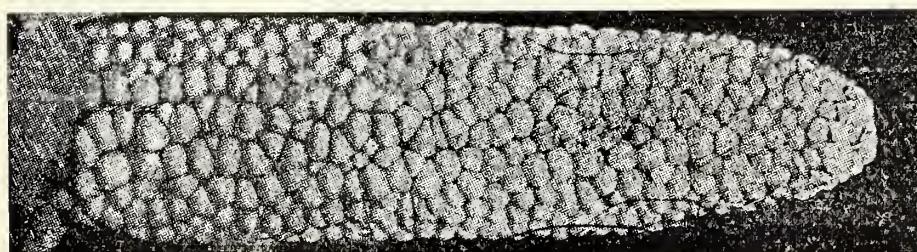
Select your thirty-five packages of 5c vegetable and flower packets for \$1.00.



Longfellow.

SWEET CORN

	Pkt.	Lb.	Not Post Paid	Post Paid
Golden Bantam.....	\$.05	\$.30	\$.25	
Peep-O-Day.....	.05	.25	.20	
Early Minnesota.....	.05	.25	.20	



Country Gentleman.....	.05	.25	.20
Black Mexican.....	.05	.25	.20
Stowell's Evergreen.....	.05	.20	.10
Early Crosby.....	.05	.25	.20

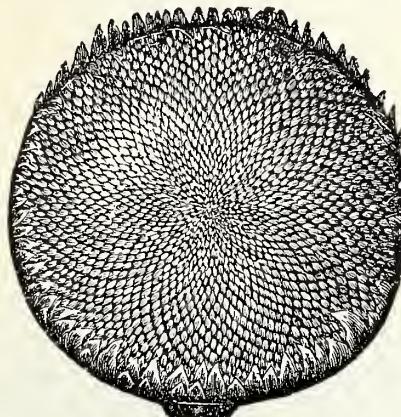
Kaffir Corn—Ask for price.

Minnesota Sorghum—Ask for price.

Southern Cane—100 lbs. \$5.00.

WHITE RICE POPCORN

15 cents lb. postpaid, not postpaid 10 cents lb.

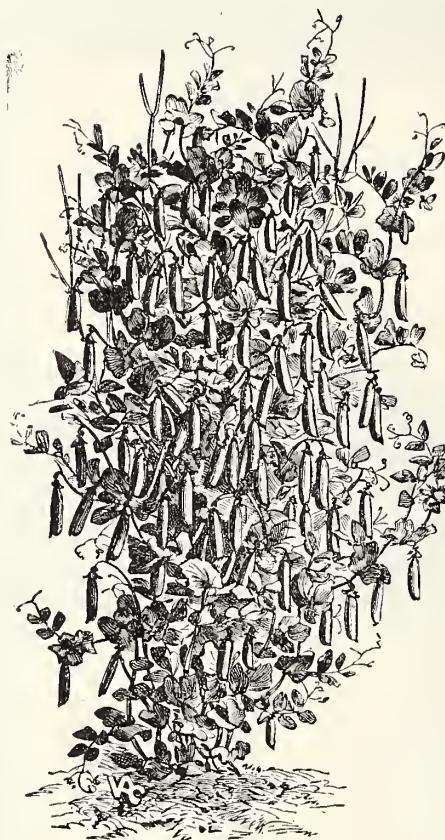


Sunflower—Mammoth Russian—1 lb., postpaid, 15c. Not postpaid—1 lb. 10c; 100 lbs. \$7.00; 10 lbs. or over at 100 lb. rate.

Feterita—Ask for price.

Thirty-five 5c packages of Flower and Vegetable seeds for \$1.00 postpaid.

Canada Field Peas, Yellow—Best pure grade—Bu. \$5.50. Seconds for soiling bu. \$4.00.



Canada Field Peas, Green—Ask for price.

Cow Peas—Northern Grown—Bu. \$5.00.

Cow Peas—Southern grown—Ask for price.

Soy Beans—Northern grown—Bu. \$5.00.

Soy Beans—Southern grown—Ask for price.

Sand or Winter Vetch—100 lbs. \$19.00; sacks included.

Spring Vetch—100 lbs. \$8.00.

Sudan Grass—100 lbs. \$12.00.

Creeping Bent Grass—Crested Dogstail, Sheep Fescue, Meadow Fescue, Wood Meadow Grass. Ask for prices.

MILLET.



German or Golden Millet.

German—100 lbs. \$4.25. Hungarian, Japanese, Siberian, Hog—ask for prices.

Clover from the Clover Belt.

TIMOTHY SEED.

Miller's No. 1—1 lb., postpaid, 15c. Not postpaid—100 lbs. \$6.00, sacks included; 10 lbs. or over at 100 lb. rate; bu. \$2.70.

Miller's No. 2—1 lb., postpaid, 15c. Not postpaid—1 lb. 6c; 100 lbs. \$5.50, sacks included 10 lbs. or over at 100 lb. rate; bu. \$2.40.



Alsike Clover and Timothy Mixed—1 lb., postpaid, 15c. Not postpaid—1 lb. 10c; 100 lbs. \$9.00, sacks included; 10 lbs. or over at 100 lb. rate.

English Rye Grass—1 lb., postpaid, 20c. Not postpaid—1 lb. 10c; 100 lbs. \$9.00, sacks included; 10 lbs. at 100 lb. rate.

Bromus Inermis—100 lbs. \$13.00.

Kentucky Blue Grass—1 lb., postpaid, 25c. Not postpaid—1 lb. 20c; 100 lbs. \$18.00; 10 lbs. or over at 100 lb. rate.



Red Top (solid seed)—1 lb., postpaid, 25c. Not postpaid—1 lb. 20c; 100 lbs. \$16.00, sack included; 10 lbs. or over at 100 lb. rate.

LAWN GRASS.

Miller's No. 1—1 lb., postpaid, 35c. Not postpaid—1 lb. 25c; 100 lbs. \$20.00; 10 lbs. or over at 100 lb. rate.

GRAIN BAGS.

American—30 cents each.

Stark A—35 cents each.

Ask for prices on second hand and torn bags.

Miller's Seed Corn grows and gets ripe.

FIELD BEANS.

Navy Beans—

	Bu.	
Fancy Hand Picked	\$9.00	
Choice Mixed	6.00	
Red Kidney	9.00	

Bush Beans—

(Green Podded Sorts)

	Not Post- paid	1 Lb.	1 Lb.	1 Lb.	1 Lb.
Bountiful Stringless .....	.05	.25	.45	.30	
Refugee or 1000 to 1 .....	.05	.25	.45	.30	
Burpee's Stringless Green Pod .....	.10	.30	.50	.40	
Improved Red Valentine .....	.05	.25	.45	.30	
Early Yellow Six Weeks .....	.10	.30	.50	.40	

Bush Lima Beans—

Burpee's Dwarf Lima..... .10 .25 .45 .35

Henderson's Bush Lima—Ask for prices.

Pole or Runner Beans—

Kentucky Wonder .....	.05	.30	.50	.40
Burpee's Stringless Green Pod .....	.05	.30	.50	.40
Lazy Wife .....	.05	.30	.50	.40

Brown or Swedish—

Bu.

Fancy		10.00
Choice		6.00
Improved Tree—		
Hand Picked		9.00
Choice		6.00

Pole Lima Beans—

Not
Post-
paid

1/4 1 1

Plkt. Lb. Lb. Lb.

King of the Garden Lima .05 .15 .25 .20

Beans—

(Bush Beans, wax or yellow podded varieties)				
German Black Wax....	.05	.20	.35	.25
New Stringless White Wax Burpees .....	.10	.25	.40	.30
Improved Golden Wax..	.05	.20	.35	.25
Davis Kidney Wax ....	.05	.20	.35	.25
Wardwell's Kidney Wax .....	.05	.25	.40	.30
Webber Butter Wax....	.05	.25	.45	.35

PEAS

(Extra Early Peas.)

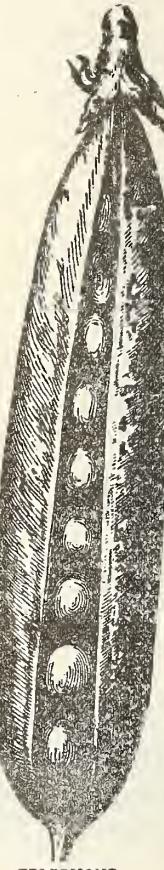
	Not post- paid	1/4	10
		Pkt. Lb. Lb.	Lb. Lbs.

Alaska .....	.05	.10	.15	\$1.00
Nott's Excelsior .....	.05	.10	.15	.12 1.00
McLean's Little Gem .....	.05	.10	.15	.12 1.00

(Second Early and

Late Peas.)

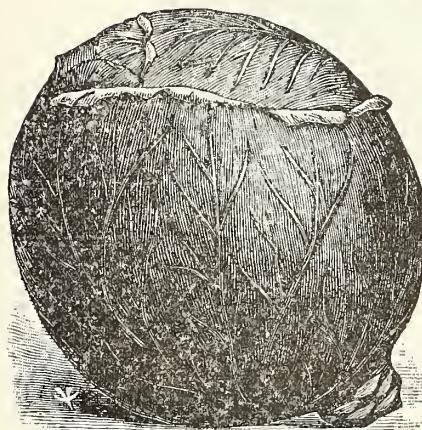
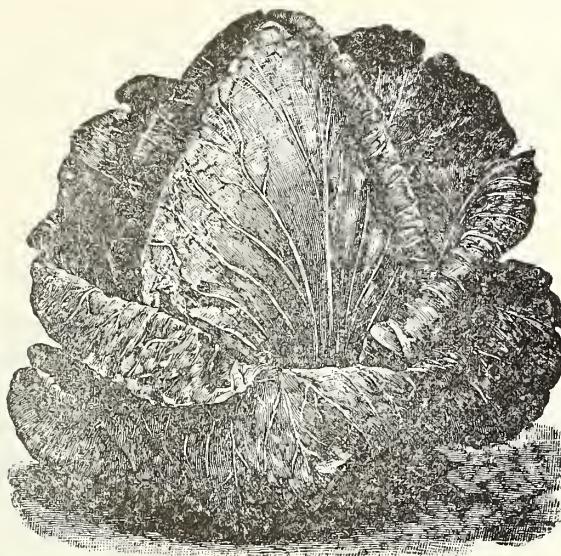
Ever Bearing .....	.05	.10	.15	.12 1.00
Champion of England .....	.05	.10	.15	.12 1.00
White Marrowfat .....	.05	.10	.15	.10 .90
Potlash .....	.05	.10	.20	.15 1.25
Black Eyed Marrow Fat .....	.05	.10	.15	.12 1.00
Stratagem .....	.05	.10	.30	.20 1.75
Yorkshire Hero .....	.05	.10	.25	.20 1.75
Telephone .....	.05	.10	.25	.20 1.75



TELEPHONE

Thirty-five 5c packages of Flower and Vegetable seeds for \$1.00 postpaid.

CABBAGE



	1/4	1	Pkt.	Oz.	Lb.	Lb.
(Earliest, Oblong Headed.)						
Early Jersey Wakefield..	\$.05	\$.25	\$.75	\$2.50		
(Early and Second Early)						
Copenhagen Market .....	.05	.30	1.15	3.50		
Early Stonehead or Volga	.05	.25	.90	3.25		
Enkhizen Glory .....	.05	.25	.75	2.25		
All Seasons .....	.05	.30	1.00	3.25		
(Winter Varieties.)						
Danish Ballhead .....	.05	.25	.75	2.50		

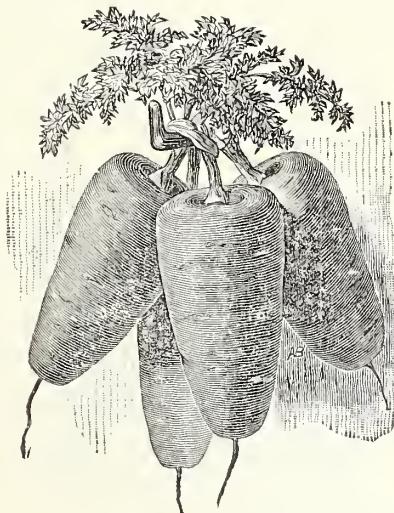
CARROTS

Garden Carrots—

Danver's Half Long .....	.05	.15
Scarlet Horn .....	.05	.15
Chantenay .....	.05	.15
Oxheart .....	.05	.15

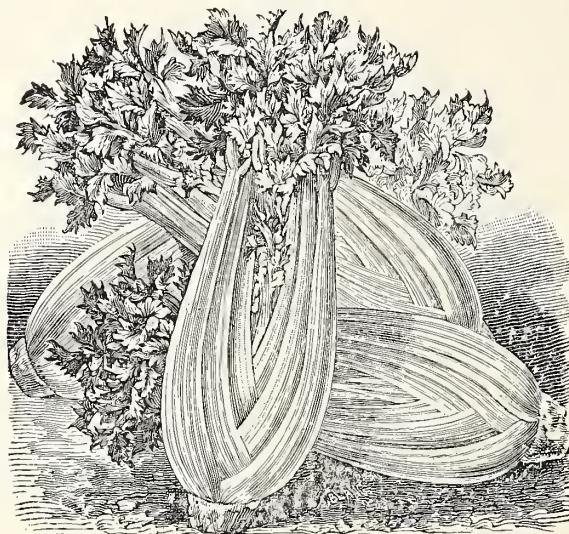
Carrots for Cattle Feeding—

Large White Belgian....	.05	.10	1.00
Mastodon .....	.05	.10	1.00



Miller's Seed Corn grows and gets ripe.

CELERY

**Celery—**

	Pkt.	Oz.	
White Plume — Naturally white or light foliage.	.05	.20	
Golden Self Blanching— A grand solid variety	.05	.20	

Chicory—

Large Rooted or Coffee..	.05
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Corn Salad—

Large Leaved05	.10	
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Cress—

Curled (Pepper Grass)...	.05	.25	
True Water05	.10	

Cauliflower—

	Pkt.		
Early Snowball—One of the best for forcing under glass or for the open ground25		

Asparagus—

	Pkt.	Oz.	Lb.	Lb.	
Columbian Mammoth ..	.05	.10	\$.20	\$.60	
Conovers .....	.05	.10	.15	.50	
Palmetto .....	.05	.10	.15	.50	

Egg Plant—

	Pkt.	Oz.		
Improved New York Purple—Grown more extensively than any other variety			\$.10	\$.35
Black Beauty—Spineless, very early .....			.10	.35

Endive—

Green Curled Winter—Used as salad, flavoring soups or greens05	.15	
Broad Leaved—A sweet variety05	.15	

Artichokes—

Green Globe10	\$.25	
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Broccoli—

Early White10		
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Brussels Sprouts—

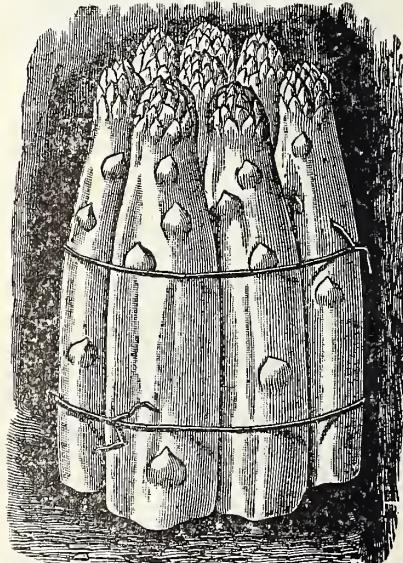
Rosebury10		
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Mangel Wurzel—

	Pkt.	Oz.	Lb.	Lb.
Slstrup Mangel05	.10	.15	.45
Mammoth Long Red05	.10	.15	.45
Golden Tankard .....	.05	.10	.15	.45
Giant One-Half Sugar .....	.05	.10	.15	.45
Mangel .....	.05	.10	.15	.45

Cucumbers—

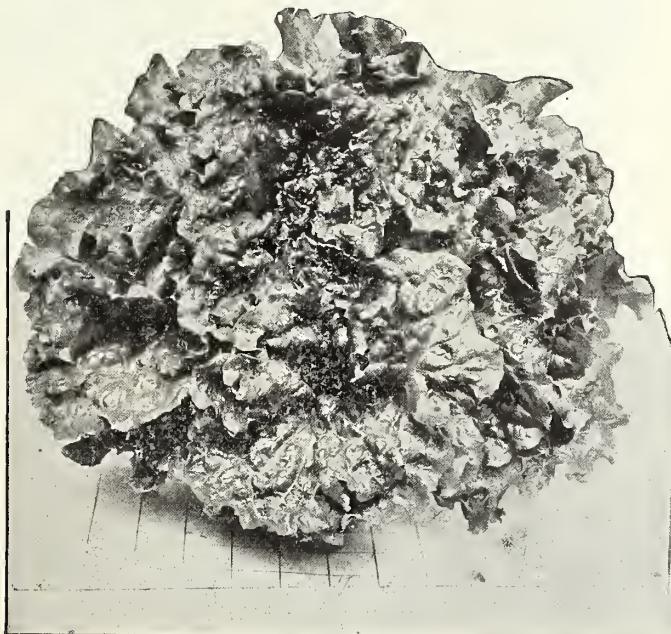
	Pkt.	Oz.	Lb.	Lb.	
Early White Spine—Handsome, early, medium sized pickle.....			\$.05	\$.10	\$.30 \$.90
Improved Long Green—Large, crisp and productive .....			.05	.10	.30 .90
Boston Pickling—Dark green, uniform small size .....			.05	.10	.30 .90
Davis Perfect .....			.05	.10	.30 .90
Early Frame or Short Green—For slicing or pickling, productive and early .....			.05	.10	.30 .90
Gherkin .....			.05	.10	.40 1.00



HERBS

	Pkt.	Oz.		Pkt.	Oz.
Caraway	.05	.10	Sage	.05	.26
Coriander	.05		Savory—Summer	.05	
Dill	.05	.20	Sorrel—Broad Leaved	.05	
Lavender	.05		Thyme—Sweet	.05	
Marjoram—Sweet	.05				

LETTUCE



Lettuce—

	Pkt.	Oz.	$\frac{1}{4}$	1	Pkt.	Oz.	$\frac{1}{4}$	1
Grand Rapids Forcing— Large tender heads, best for early forcing. The green house man's favorite	.05	.10	\$2.25	\$7.75				
Black Seeded Simpson— A superior variety large and of light color	.05	.10	.25	.75				
Prize Head Bright— Green tinged with brownish red, crisp and tender	.05	.10	.25	.75				
Big Boston—Fine strain for forcing on open ground, large solid heads	.05	.10						
Improved Hanson—Very large, withstands hot sun	.05	.10						

Kale—

Dwarf German Green— Used for greens	.....	\$0.05	\$1.10
Kohl Rabi—			
Early White Vienna	....	.05	.20
Leek—			
Large American Flag....	.05	.20	
Beets—			
Early Egyptian Blood Turnip	.....	.05	.10 .30 1.00
Crosby Egyptian	.....	.05	.10 .25 .75
Early Blood Turnip....	.05	.10	.25 .75
Edmond Blood Turnip...	.05	.10	.25 .75
Half Long Blood.....	.05	.10	.30 .80
Swiss Chard .....	.05	.10	.30 1.00

Peppers—

Large Bell or Bull Nose	.05	.25
Long Red Cayenne .....	.05	.25
New Chinese Giant ....	.10	.40

ONIONS

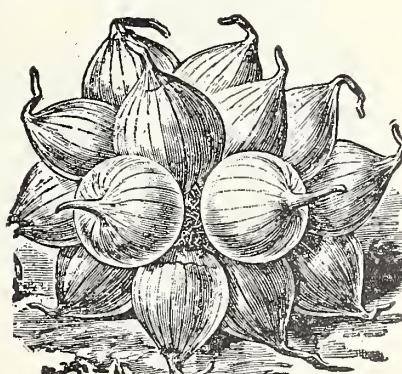
	Pkt.	Oz.	$\frac{1}{4}$	1
Large Red Wethersfield	\$.05	\$.25	\$.60	\$2.00
Red Globe	.05	.25	.60	2.00
Yellow Globe	.05	.25	.60	2.00
Prize Taker	.05	.25	.60	2.00
Australian Brown	.05			
White Globe	.05	.30	.75	2.50
White Bunching	.05	.25	.60	2.00
New Green Pickling Onion	.05	.30	.75	2.50

Okra-Gumbo—

Dwarf Green05
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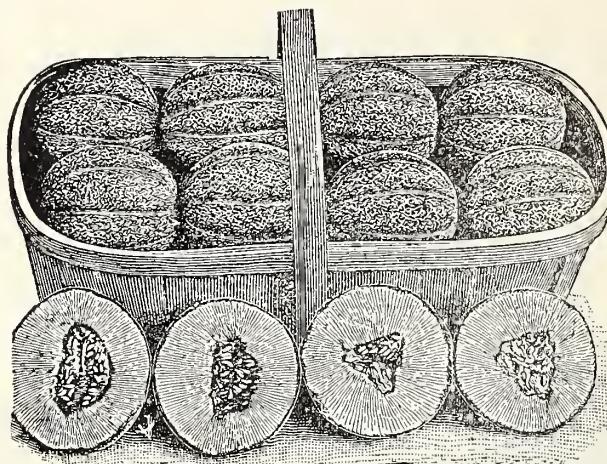
Onion Sets—

Red Bottom Sets—Postpaid, 1 lb. 20c. Not postpaid—1 lb. 15c. White, Yellow, Winter—Ask for prices.		
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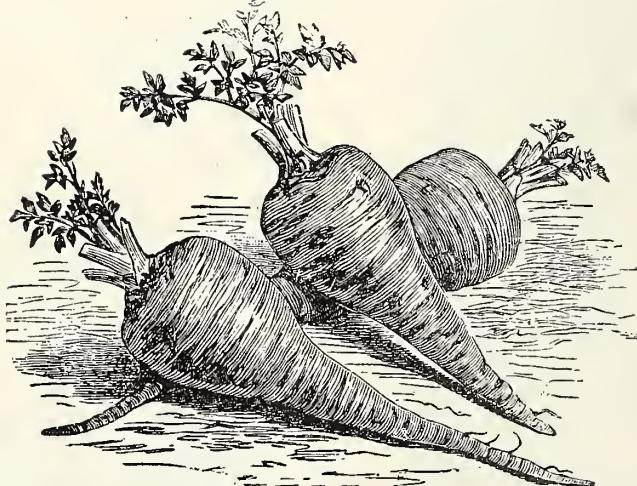
Select your thirty-five packages of 5c vegetable and flower packets for \$1.00.

MUSK MELON



	Pkt.	Oz.	$\frac{1}{4}$	Lb.	1		Pkt.	Oz.	$\frac{1}{4}$	Lb.	1
Banana — Cucumber shaped, highly perfumed .....	.05		\$10	\$25	\$75	Early Hackensack — Large, good quality...	.05		.10	.25	.75
Emerald Gem — Extra early, orange flesh .....	.05		.10	.25	.75	Burrell's Gem — A fine new melon, salmon fleshed .....	.05		.10	.25	
Green Nutmeg—											
Green flesh, good for main crop .....	.05		.10	.25	.75	Water Melon— Cole's Early—Very sweet fine home melon.....	.05		\$10	\$25	\$75
Osage — Yellow flesh, good quality, intermediate .....	.05		.10	.25	.75	Ford Hook — An extra early melon, large, fine flavored .....	.05		.15	.30	1.00
Rocky Ford—Very sweet of fine flavor.....	.05		.10	.25	.75	Kobb's Gem — Large, bright red flesh of fine quality .....	.05		.10	.25	.75
Parsley—						McIver's Wonderful Sugar—Large, medium early, fine					
Champion Moss Curled..	.05		\$10	\$25	\$75	Peerless or Ice Cream— Rind thin, flesh bright scarlet, very sweet, white seed .....	.05				
Pumpkins—						Sweetheart .....	.05		.10	.25	.75
Japanese Pie .....	.05		.10	.25	.65						
Connecticut Field .....	.05		.10	.15	.35						
Mammoth .....	.05		.10	.30	1.00						
Kentucky Field .....	.05		.10	.15	.35						
Citron .....	.05		.10								

PARSNIPS



	Pkt.	Oz.	Lb.	Lb.		Pkt.	Oz.	Lb.	Lb.	
Hollow Crown05		.10	.25		Improved Guernsey05		.10	.25

Clover from the Clover Belt.

RADISHES

	Pkt.	Oz.	1/4 Lb.	1 Lb.
Scarlet Globe—White Tip	.05	.10	.20	.60
Scarlet Globe	.05	.10	.20	.60
French Breakfast	.05	.10	.20	.60
White Icicle	.05	.10	.20	.60
Crimson Giant	.05	.10	.20	.60
Long Scarlet	.05	.10	.20	.60
Winter Long Black Spanish	.05	.10	.20	.60

Rutabaga—

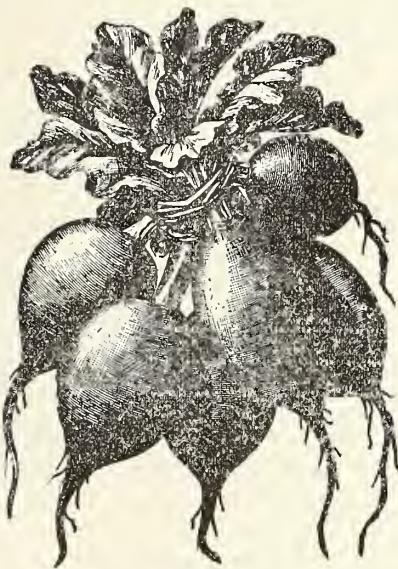
Purple Top	.05	.10	.20	.50
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Squash—

Miller's Improved Hubbard	.05	.10	.25	\$.75
Warted Hubbard	.05	.10	.25	.75
Golden Hubbard	.05	.10	.30	.90
Summer Crook Neck	.05	.10	.30	.90
Mammoth Chile	.05	.10	.30	1.00

Turnips—

Purple Top, Strap Leaf	\$.05	\$.10	\$.20	\$.50
Extra Early White Milan	.05	.10	.25	.75
White Globe	.05	.10	.20	.60
Cow Horn	.05	.10	.20	.50



Salsify—

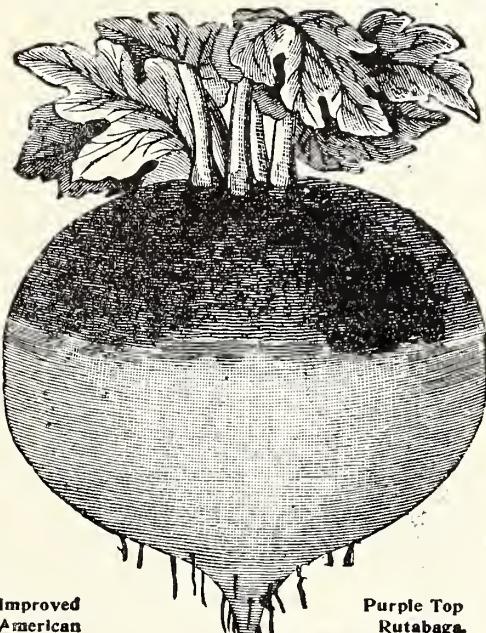
	Pkt.	Oz.	Lb.
Sandwich Island	.05	\$.20	\$.50

Spinach—

Bloomsdale	.05	.10	.20
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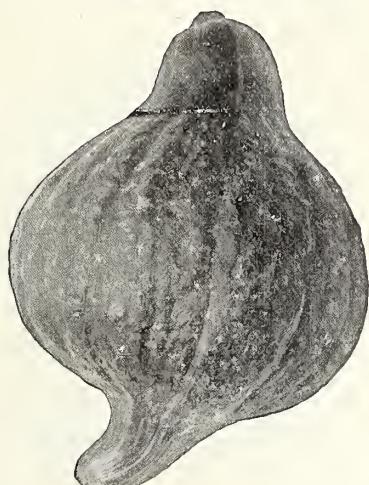
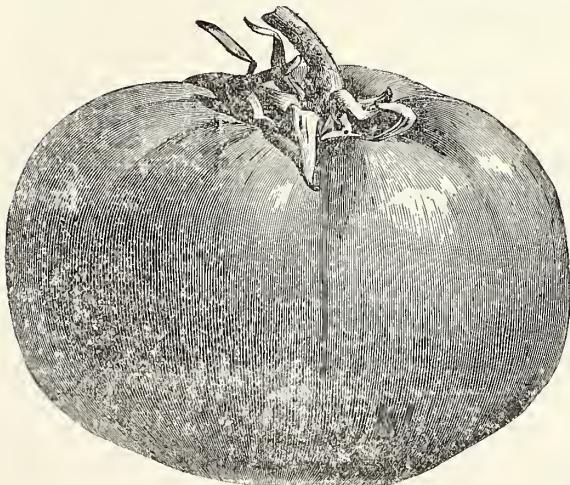
Tomatoes—

Earlana	.05	.20
Ponderosa	.05	.26
Stone	.05	.20
Acme	.05	.20
Chalk's Early Jewel	.05	.20
Peach	.05	.20
Yellow Plum	.05	.20
Yellow Pear	.05	.20
Red Cherry	.05	.20
Yellow Cherry	.05	.20



Improved American

Purple Top Rutabaga.



MISCELLANEOUS.

Brandt Sprayer—\$5.00.
Excelsior Single Tube Sprayer—Mailing weight 1 lb.—50c.
Acme Corn Planter—\$1.00.
Eureka Hand Potato Planter—\$1.00.
Cyclone Seed Sower—\$1.50.

PLANET JUNIOR FARM—GARDEN TOOLS.

No. 4—Planet Junior Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow. Price complete \$10.50. As seeder only \$8.50.
No. 25—Planet Junior Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. Price \$13.00.
Sheep Manure for Lawns—Lb, 5c; 5 lbs. 15c; 10 lbs. 25c; 25 lbs. 60 lbs.
Bone Meal—1 lb. 10c; 5 lbs. 25c.

POULTRY FOODS.

	100 Lbs.	100 Lbs.
Baby Chick Starter	\$3.00	White Grit
Chick Food	3.00	Mica Crystal Grit
Medium Chick Food	3.00	Chick Grit
Scratch Feed	2.50	Granulated Bone
Developing Feed	2.75	Meat Meal
Egg Mash	3.00	Beef Scraps
Pigeon Feed	3.25	Blood Meal
Crushed Oyster Shells	.90	Feed Millet
Crushed Clam Shells	.85	Sunflower
		Alfalfa Meal

The above prices are the market prices at time this list goes to press. Subject to market changes.

POULTRY SUPPLIES AND REMEDIES.

Conkey's Roup Remedy—50c.
Conkey's Lice Powder—5 oz. pkg. 10, postpaid 15c; 15 oz. pkg. 25c, postpaid, 40c.
Conkey's Lice Liquid—Gal. \$1.00.
N. W. Fountain and Feeder—15c, by mail, 18c.

FEED GRAINS.

Poultry Wheat, Cracked Wheat, Oats 3 White, Corn 3 Yellow, Corn Mixed, Corn Ear, Cracked Corn, Kaffir Corn—Market—Ask for prices.

CALF MEAL.

Security—12 lb. pail, \$1.50.
Ryde's Cream Calf Meal—100 lbs. \$3.75; 25 lbs. \$1.00.
Blaizeford's Calf Meal—50 or 100 lb. bags, \$3.90; per 100 lbs., 25 lb. bag, \$1.00.
Oil Meal—Market—Ask for price.
Cotton Seed Meal—Market—Ask for price.

GROUND AND MILL FEED.

Bran, Shorts, Flour Middlings, Red Dog, Cracked Corn, Coarse Corn Meal, Ground Feed, Oats, Corn, Barley Meal—Market—Ask for prices.
Digestor Tankage—100 lbs. \$3.50.
Screening Feed—A feed composed of screenings from seed, oats, corn, buckwheat, clover and timothy, ground and mixed with ground corn—100 lbs. \$1.65; ton \$32.00.

Ask for Sample.

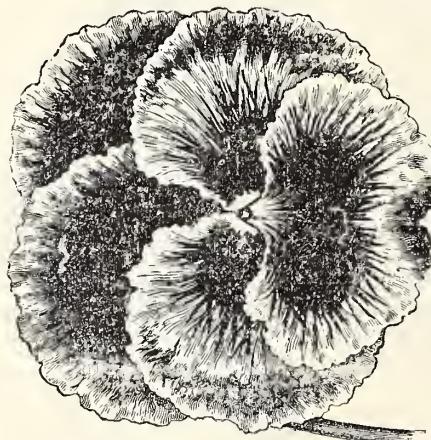
MINNESOTA GROWN APPLE TREES.

Patten's Greening, N. W. Greening, Wealthy, Whitney's Crab, Strawberry Crab, Okabean and Duehess—4 and 5 ft. trees, each 35c; doz. \$3.60. 6 ft. trees, each 50c; doz. \$4.80.

FLOWER SEEDS.

Pkt.

Asters—Semple's Branching, mixed	....	\$.05
Asters—Giant Comet, mixed	....	.05
Asters—Queen of the market, mixed	....	.05
Balsam—Camellia Flowered, mixed	....	.05
Cosmos—Early, mixed	....	.05
Cypress Vine	....	.05
Gourd, mixed	....	.05
Heliotrope, mixed	....	.05
Marigold—Tall African, mixed	....	.05
Marigold—Dwarf French, mixed	....	.05
Mignonette	....	.05
Morning Glory, mixed	....	.05
Nasturtiums—Tall, mixed	....	.05
Nasturtiums—Dwarf, mixed	....	.05
Pansy—Giant, mixed	....	.05
Petunia—Single, mixed	....	.05
Poppy—Single, mixed	....	.05
Poppy—Double, mixed	....	.05
Phlox Drummondii, mixed	....	.05
Portulaca, mixed	....	.05
Verbena, mixed	....	.05
Sweet William—Single, mixed	....	.05
Wild Cucumber	....	.05
Zinnia—Giant, mixed	....	.05
Zinnia—Dwarf, mixed	....	.05



Vegetable Seeds Required to Plant an Acre, also for Smaller Areas.

	Per Acre
Artichoke	1 oz. to 500 plants.
Asparagus	1 oz. to 50 ft. drill. 4 to 5 lbs.
Beans, Dwarf	1 qt. to 100 ft. drill. 1 to 1½ bu.
Beans, Pole	1 qt. to 100 hills...12 qts.
Beets, Garden	1 oz. to 50 ft. drill. 5 to 6 lbs.
Beets, Mangel	1 oz. to 100 ft. drill. 5 to 6 lbs.
Broccoli	1 oz. to 1,500 plants. ½ lb.
Brussels	" " "
Sprouts	1 oz. to 1,500 plants. ½ lb.
Cabbage	1 oz. to 1,500 plants. ½ lb.
Carrot	1 oz. to 100 ft. drill. 4 lbs.
Cauliflower	1 oz. to 1,000 plants. 12 oz.
Celery	1 oz. to 3,000 plants. 1 lb.
Chicory	1 oz. to 200 ft. drill
Citron	4 oz. to 100 hills...4 to 5 lbs.
Collards	1 oz. to 2,500 plants. 4 oz.
Corn, Sweet	1 pt. to 100 hills ...8 to 10 qts.
Cress or Pepper	
Grass	½ oz. to 100 ft drill. 2 to 3 lbs.
Cucumber	1 oz. to 60 hills....2 to 3 lbs.
Egg Plant	1 oz. to 1,000 plants. 4 oz.
Endive	1 oz. to 100 ft. drill. 4½ lbs.
Gourd	2 oz. to 100 hills ...3 to 4 lbs.
Kale or	
Borecole	1 oz. to 150 ft. drill. 4 oz.
Kohl Rabi	¾ oz. to 100 ft. drill. 2 lbs.
Leek	1 oz. to 100 ft. drill. 4 lbs.
Lettuce	2 oz. to 150 ft. drill. 4 to 5 lbs.
Melon, Musk	1 oz. to 60 hills....2 to 3 lbs.
Melon, Water	4 oz. to 100 hills....4 to 5 lbs.
Mustard	1 oz. to 100 ft. drill
Okra	1 oz. to 400 plants .
Onions	1 oz. to 100 ft. drill. 5 to 6 lbs.
Onions for Sets	In drills.....60 to 90 lbs.
Onion Sets	1 qt. to 20 ft. drill..12 to 15 bu.
Parsley	1 oz. to 150 ft. drill. 6 lbs.
Parsnip	1 oz. to 200 ft. drill. 5 lbs.
Peas	1 qt. to 100 ft. drill. 2 to 2½ bu.
Pepper	1 oz. to 1,500 plants. 3 oz.
Pumpkin	¼ lb. to 100 hills.4 to 6 lbs.
Radish	1 oz. to 100 ft. drill. 8 to 10 lbs.
Rhubarb	1 oz. to 75 ft. drill.
Rutabaga	1 oz. to 250 ft. drill. 1½ to 2 lbs.
Salsify, or Vegetable Oyster	1 oz. to 60 ft. drill.10 lbs.
Spinach	1 oz. to 100 ft. drill.10 to 12 lbs.
Squash, running	4 oz. to 100 hills...3 to 4 lbs.
Squash, bush	4 oz. to 100 hills...4 to 6 lbs.
Tomato	1 oz. to 1,500 plants. ¼ lb.
Turnip	1 oz. to 150 ft. drill.1 to 2 lbs.

Table of Weights and Quantities of Seeds Usually Sown per Acre.

FIELD SEEDS AND GRASSES.

	Lbs. Quantity
	per bu. per acre
CLOVER—	
Alfalfa	60.. 10 to 12 lbs.
Alsike	60.. 6 to 8 lbs.
Medium Red	60.. 8 to 12 lbs.
Mammoth Red	60.. 8 to 12 lbs.
Sweet or Melilotus	15 to 20 lbs.
White	60.. 5 to 8 lbs.
GRASSES—	
Bromus Inermis	14..15 to 20 lbs.
Canadian Blue (solid seed)	14..25 to 30 lbs.
Kentucky Blue (solid seed)	14..20 to 30 lbs.
English or Perennial Rye Grass	14..25 to 30 lbs.
Italian Rye Grass	14..20 to 25 lbs.
Meadow Fescue	14..20 to 25 lbs.
Orchard Grass	14..20 to 25 lbs.
Red Top (solid seed)	14..10 to 12 lbs.
Red Top (in chaff)	14..40 to 50 lbs.
Timothy	45..10 to 12 lbs.
Lawn Grass	14 to 20..100 lbs.
Western Rye or Slender Wheat Grass	14..15 lbs.
Meadow Fox Tail	14..30 lbs.
Creeping Bent	20..50 lbs.
Crested Dogtail	14..30 lbs.
Red or Creeping Fescue	14..30 lbs.
Rhode Island Bent	14..50 lbs.
Tall Meadow Oat Grass	14..25 to 35 lbs.
Sheep Fescue	14..40 lbs.
Tall Fescue	14..30 to 40 lbs.
Hard Fescue	14..30 lbs.
Wood Meadow Grass	14..30 lbs.
Millet, broadcast	48.. ¾ bu.
FIELD SEEDS—	
Barley	48.. 2 to 2½ bu.
Broom Corn, in drills	57..10 to 12 lbs.
Buckwheat	50.. 1 to 1¼ bu.
Corn, in hills	56.. 5 to 6 qts.
Corn in drills for silo	56..12 to 16 qts.
Corn in drills for fodder	56.. 1 to 2 bu.
Cow Peas, broadcast	60.. 1 to 1½ bu.
Feterita for fodder	¾ to 1 bu.
Flax, broadcast	56.. ½ bu.
Kaffir Corn for fodder	¾ to 1 bu.
Oats, in drills	32.. 2 to 3 bu.
Peas, in drills	60.. 2 to 2½ bu.
Peas, broadcast	60.. 2½ to 3 bu.
Rape, Dwarf Essex—	
Alone, broadcast	60.. 5 lbs.
Alone, in drills	60.. 2 lbs.
With grain	60.. 1 to 2 lbs.
Rye, broadcast	56.. 1½ bu.
Soja Bean, in drills 2½ ft. apart	60.. ½ bu.
Sorghum, broadcast	57..50 to 60 lbs.
Speltz, in drills	40.. 2 bu.
Sudan Grass, broadcast	16..24 lbs.
Turnip, in drills	2 to 3 lbs.
Turnip, broadcast	1 to 2 lbs.
Vetch, broadcast	60..50 to 60 lbs.
Wheat, in drills	60.. 5 to 6 pks.

MILLER'S \$1.00 COLLECTION.

Any thirty-five 5c packages of vegetable and flower seeds postpaid to any address in the United States for \$1.00. You can make your own selections.



MILLER'S 50c COLLECTION.

Any seventeen 5c packages of vegetable and flower seeds for 50 cents to any address in the United States. You can make your own selections.

If you do not care to make selection in either collection just order collection you want and we will send standard varieties.